

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S46	3516	"277".clas. and (o-ring with o-ring)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 16:43
S47	660	"277".clas. and (o-ring near5 o-ring)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 10:41
S48	6	((("6267382") or ("6494458") or ("5403019") or ("6588763") or ("5088745") or ("5984313"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/06 10:56
S54	172	(277/375).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 11:35
S53	808	(277/370,371,375).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 11:35
S52	167	(277/368).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 11:35
S51	162	(277/367).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 11:35
S50	200	(277/365).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 11:35
S49	415	(277/361).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 11:35
S9	2	(S2 or S3 or S4 or S5 or S6 or S7) and shuttle adj member	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 11:35
S21	32	azibert.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 11:36
S59	0	00/57090	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:22
S60	0	10/791514	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 13:57
S58	38	"0057090"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 13:57

## EAST Search History

S62	1	("6588763").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/06 14:46
S61	2	10/791514	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 14:46
S63	22	("2462596"   "2647810"   "2918340"   "3214182"   "3390889"   "3418001"   "3782736"   "4123068"   "4736586"   "4900042"   "4921258"   "5074154"   "5076589"   "5092125"   "5344162"   "6129358").PN. OR ("6588763"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 14:47
S64	32617	"o-ring" with groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 14:48
S71	535	"277".clas. and S70	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 15:01
S67	779	"277".clas. and S66	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 15:01
S66	18829	"o-ring" near3 groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 15:01
S81	33	azibert.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:05
S80	1118	S72 or S73 or S74 or S75 or S76 or S77 or S78	US-PGPUB; USPAT	OR	ON	2006/12/11 09:05
S78	33	azibert.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:05
S77	172	(277/375).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 09:05
S76	809	(277/370,371,375).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 09:05
S75	167	(277/368).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 09:05
S74	162	(277/367).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 09:05
S73	200	(277/365).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 09:05

## EAST Search History

S72	416	(277/361).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 09:05
S57	1664	S49 or S50 or S51 or S52 or S53 or S54 or S56	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:05
S56	33	azibert.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:05
S36	10	clark-marlen-s.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:05
S87	156	"277".clas. and S86	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S86	1526	"o-ring" same split and groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S85	1526	"o-ring" same split and groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S84	1340	"277".clas. and S83	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S83	32816	"o-ring" with groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S82	10	clark-marlen-s.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S69	156	"277".clas. and S68	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S68	1519	"o-ring" same split and groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S65	1337	"277".clas. and S64	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:06
S70	11805	"o-ring" near2 groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:18
L2	28	("0969423"   "1527535"   "2407076"   "2752579"   "2860311"   "3575431"   "4406467").PN. OR ("4776600").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:18

## EAST Search History

L1	1	("4776600").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/11 10:18
L3	30	("0494402"   "1965273"   "2520089"   "3373633"   "3544138"   "3930656"   "4116451"   "4406467"   "4690438"   "4776600"   "5076591"   "5277455"   "5316320"   "5368648"   "5407214").PN. OR ("5564715"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:22
L4	1470	((mechanical or face) adj seal) same "o-ring"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:23
L7	21	("2844393"   "3050319"   "3161414"   "3486760"   "4576384"   "4989882"   "5067733"   "5294132"   "5490682"   "5577738").PN. OR ("5913520"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:36
L6	1	("5913520").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/11 10:36
L5	431	4 and "277".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:36
L8	9	("3627390"   "3947044"   "5221095"   "5267736"   "5577738"   "5711532"   "5725220"   "5913520"   "6250642").PN. OR ("6935632").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:39
L9	9	("3627390"   "3947044"   "5221095"   "5267736"   "5577738"   "5711532"   "5725220"   "5913520"   "6250642").PN. OR ("6935632").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 11:33
L10	16	("2300385"   "2719737"   "2752175"   "4078832"   "4632403"   "5209497").PN. OR ("5267736"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 11:34
L12	1	("4290611").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/11 11:41

## EAST Search History

L11	35	("3176996"   "3259390"   "3297329"   "3589737"   "3749411"   "3831381"   "3887195"   "3888495"   "3987663"   "3994503"   "4014555"   "4114058"   "4206928"   "4408766"   "4505115"   "4510792"   "4858937"   "4922719"   "5031509"   "5067874"   "5186277"   "5209495"   "5244183"   "5249812"   "5267736"   "5345829"   "5502435"   "5535136").PN. OR ("5746435"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 11:41
L13	38	("3834715"   "3894741"   "3943717").PN. OR ("4290611"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 11:44